

IN THE CLAIMS:

1. (Original) A method for informing a telephone charge to a mobile terminal subscriber in a mobile communication system, the method comprising the steps of:

detecting, by a mobile communication exchange, a termination of a telephone call of a mobile terminal;

providing, by the mobile communication exchange, charging information responsive to the telephone call;

informing, by the mobile communication exchange, the charging information to a charging center;

calculating, by the charging center, the telephone charge using the charging information received from the mobile communication exchange and informing the calculated telephone charge to the mobile communication exchange; and,

transmitting, by the mobile communication exchange, the telephone charge information received from the charging center via a base station in communication with the mobile terminal.

2. (Original) The method as claimed in Claim 1, wherein the telephone

charge represents a telephone service charge related to the telephone call made within a specified time period.

3. (Original) The method as claimed in Claim 1, wherein the telephone charge is at least one amongst a telephone charge for a latest call, an accumulated telephone charge, and a total telephone charge selected by the mobile terminal subscriber.

4. (Original) The method as claimed in Claim 1, wherein the charging information includes the number of the mobile terminal, a terminating party number, a call start time information, a call termination time information, and different billing qualification information.

5. (Original) The method as claimed in Claim 1, further comprising the step of receiving, upon receiving the telephone charge information by the mobile terminal, displaying the telephone charge information in a display unit of the mobile terminal.

6. (Previously Presented) A method for informing a telephone charge to a mobile terminal subscriber in a mobile communication system, the method comprising the steps of:

detecting, by a mobile communication exchange, a termination of a telephone call of a mobile terminal;

providing, by the mobile communication exchange, charging information responsive to the telephone call;

informing, by the mobile communication exchange, the charging information to a charging center;

calculating, by the charging center, the telephone charge using the charging information received from the mobile communication exchange and informing the calculated telephone charge to the mobile communication exchange; and,

transmitting, by the mobile communication exchange, the telephone charge information received from the charging center via a base station in communication with the mobile terminal, wherein the telephone charge information is in the form of a short message.

7. (Currently Amended) A method of informing a total-telephone charge to a mobile terminal subscriber in a mobile communication system, the method comprising

the steps of:

requesting, by a mobile terminal subscriber, a telephone charge to a mobile communication exchange;

upon receiving the telephone charge request, requesting, by the mobile communication exchange, the telephone charge for the mobile terminal subscriber to a charging center;

calculating, by the charging center, the telephone charge using charging information corresponding to the mobile terminal subscriber;

informing, by the charging center, the telephone charge to the mobile communication exchange; and,

transmitting, by the mobile communication exchange, the telephone charge received from the charging center via a base station in communication with the mobile terminal subscriber.

8. (Original) The method as claimed in Claim 7, wherein the mobile terminal requests the telephone charge during a standby state.

9. (Original) The method as claimed in Claim 7, wherein the telephone charge includes at least one of a telephone charge for a latest call, an accumulated

telephone charge, and a total telephone charge.

10. (Previously Presented) The method as claimed in Claim 7, wherein the mobile terminal requests the telephone charge up to now.

11. (Previously Presented) The method as claimed in Claim 10, wherein the mobile terminal requests the telephone charge during a standby state.

12. (New) The method of claim 7, wherein said charging information used in said calculating includes an actual telephone call time period of said subscriber.

13. (New) The method of claim 12, further comprising the step of receiving, by said charging center, said actual telephone call time period to be used in said calculating.

14. (New) The method of claim 7, wherein said charging information used in said calculating includes a call start time and a call termination time that pertain to a telephone call of said subscriber.

15. (New) The method of claim 14, further comprising the step of receiving, by said charging center, said call start time and call termination time to be used in said calculating.

16. (New) The method of claim 8, wherein said charging information used in said calculating includes an actual telephone call time period of said subscriber.

17. (New) The method of claim 8, wherein said charging information used in said calculating includes a call start time and a call termination time that pertain to a telephone call of said subscriber.

18. (New) The method of claim 1, wherein said providing occurs when said telephone call has ended.